

NDVDRS Suicide Overview

North Dakota Violent Death Reporting System Suicide Data

Data Notes: Finalized Data for 2019-2022

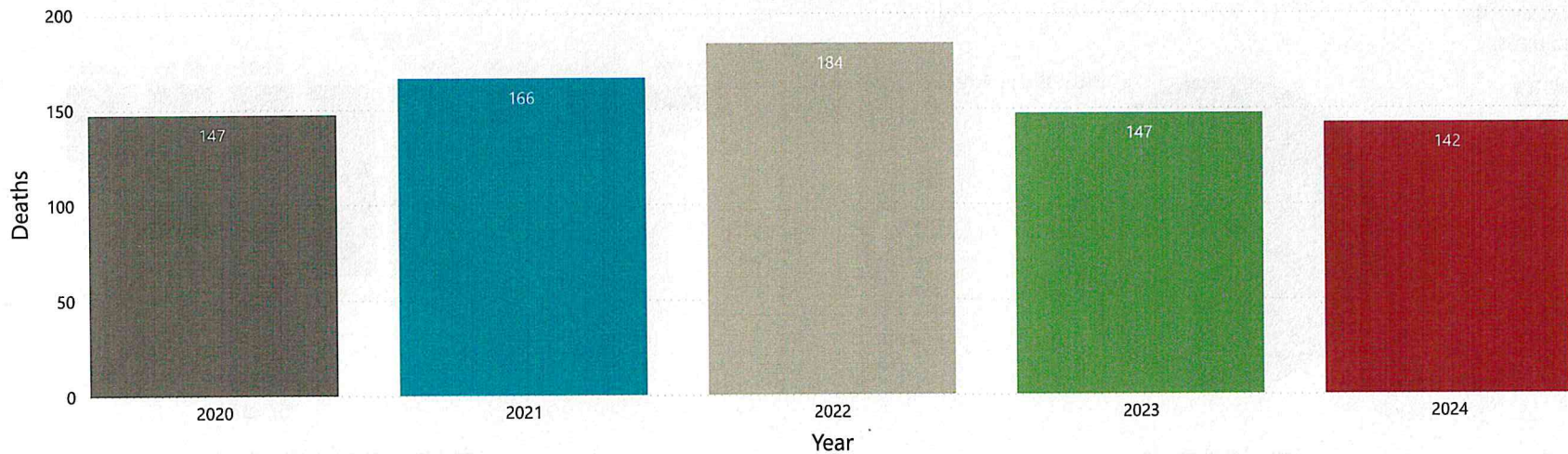
*Preliminary Data for 2023 and 2024

Numbers represent both ND residents and Out-of-State residents where initial injury occurred in ND

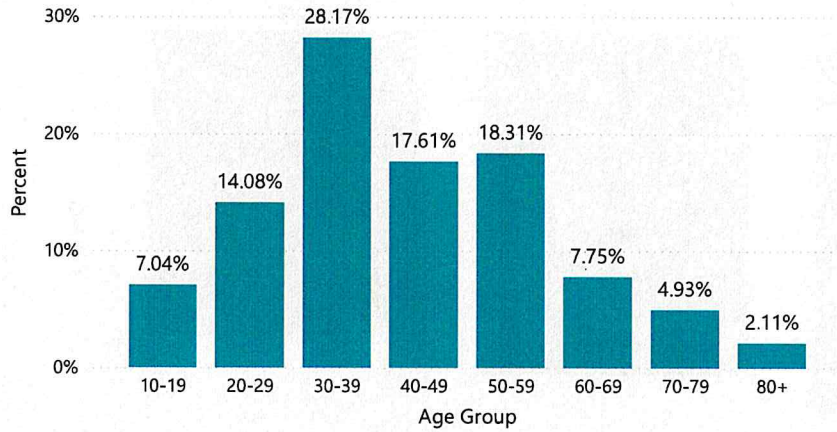
Data Source: Health Statistics and Performance

Last Updated: January 14, 2025

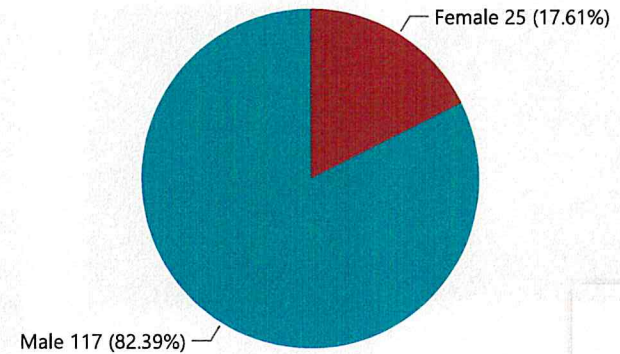
Suicides



Suicides by Age Group

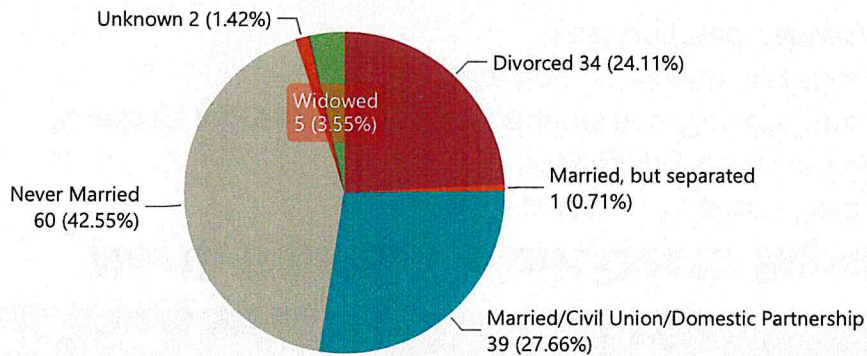


Suicide by Sex

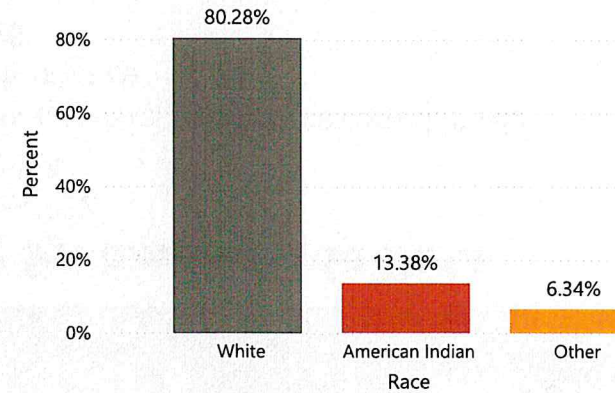


6.34%
Hispanic Ethnicity

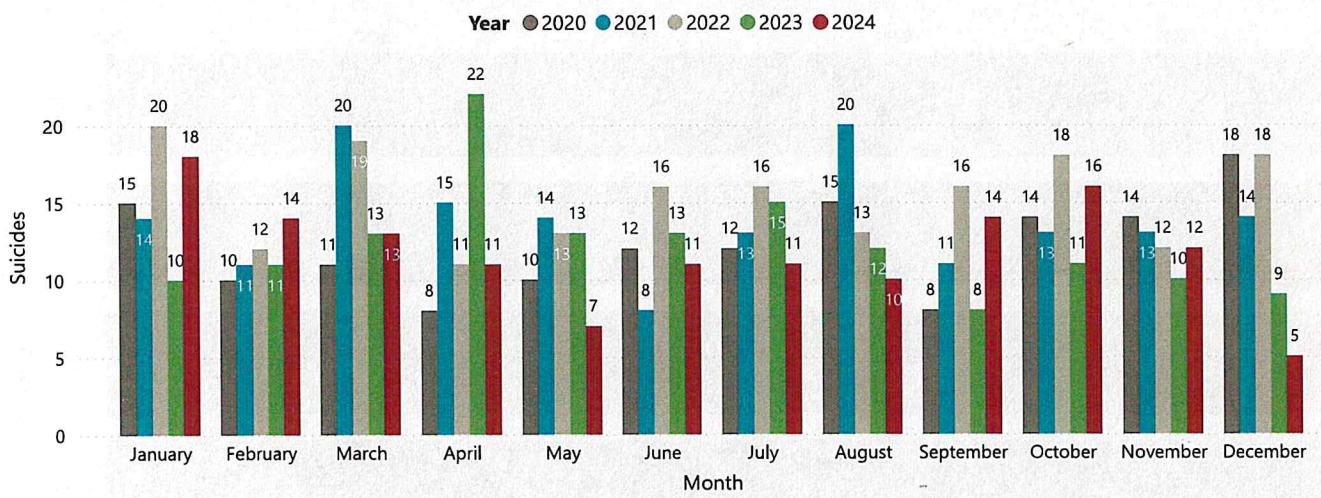
Suicide by Marital Status



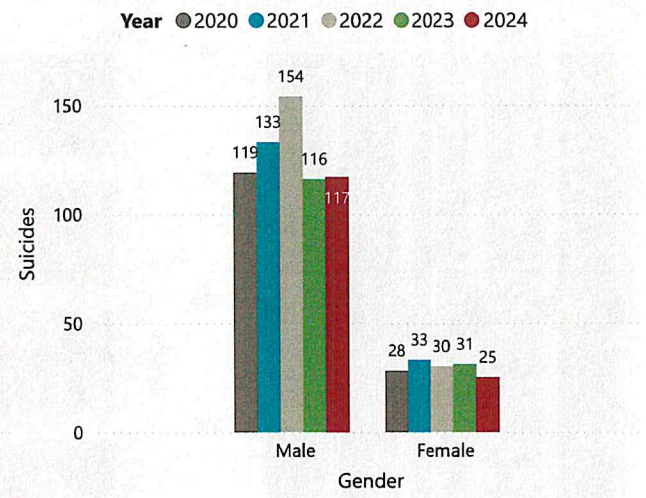
Suicides by Race



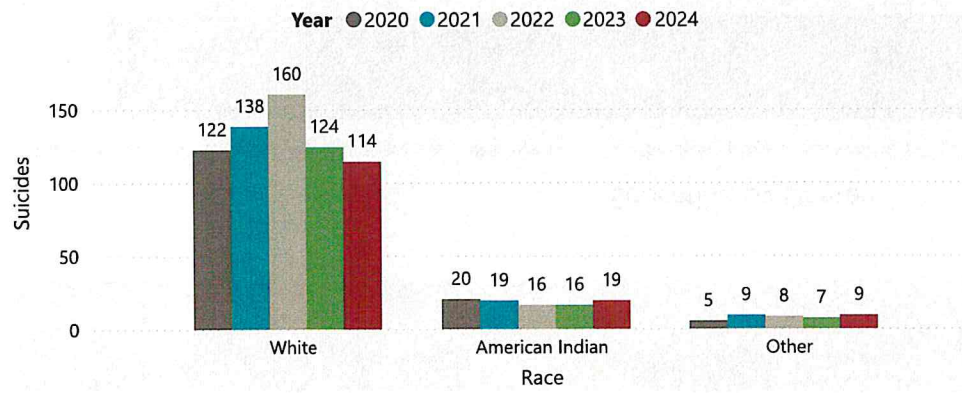
North Dakota Suicides



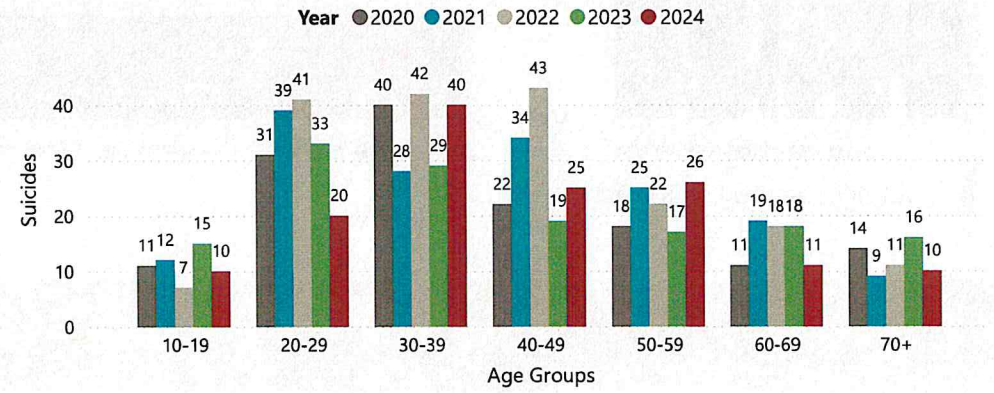
Suicide by Sex



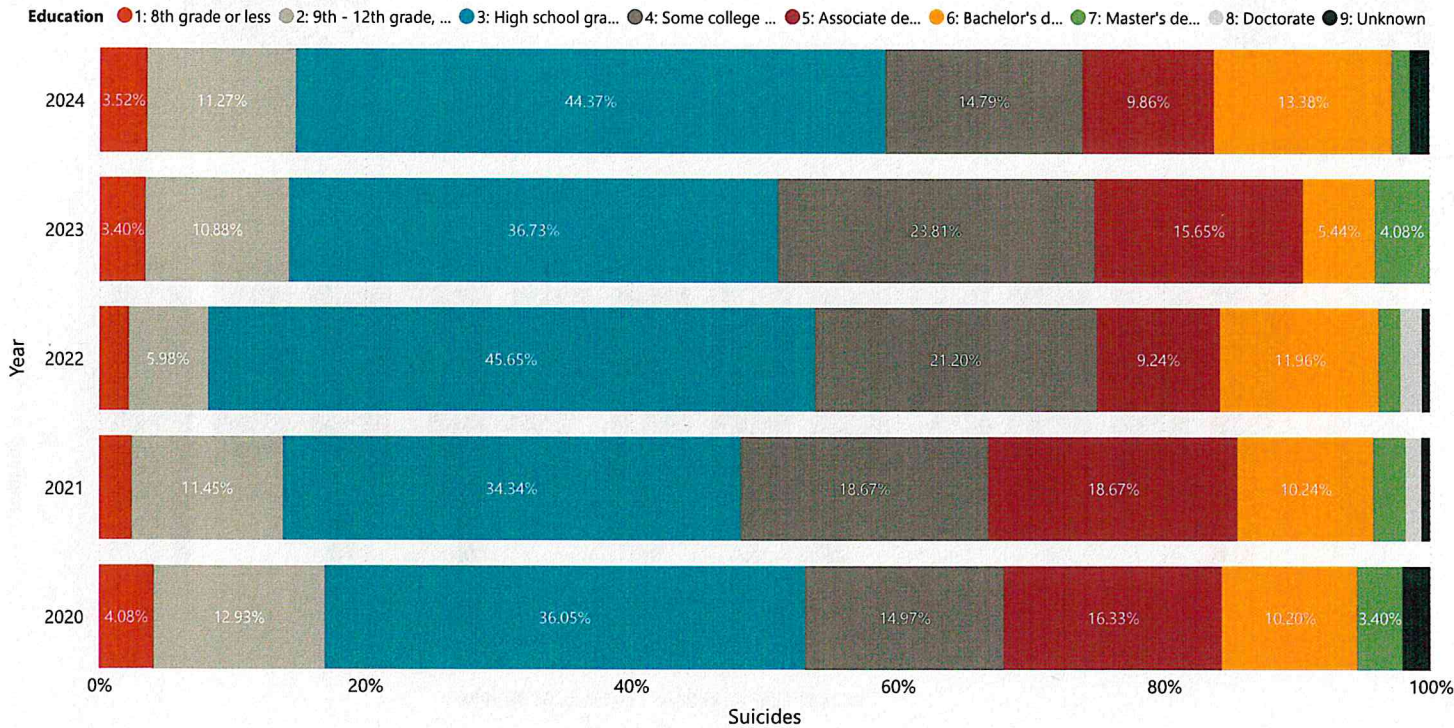
Suicides by Race



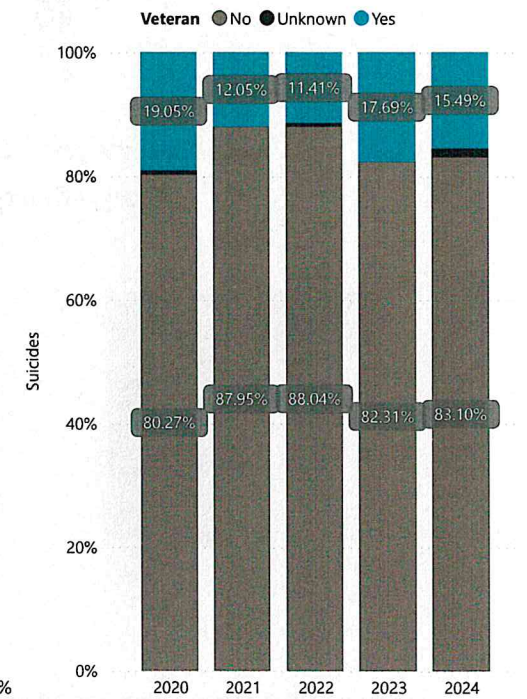
Suicides by Age Group



Education by Degree



Current or Former Military



Race

Select all American Indian Other White

Sex

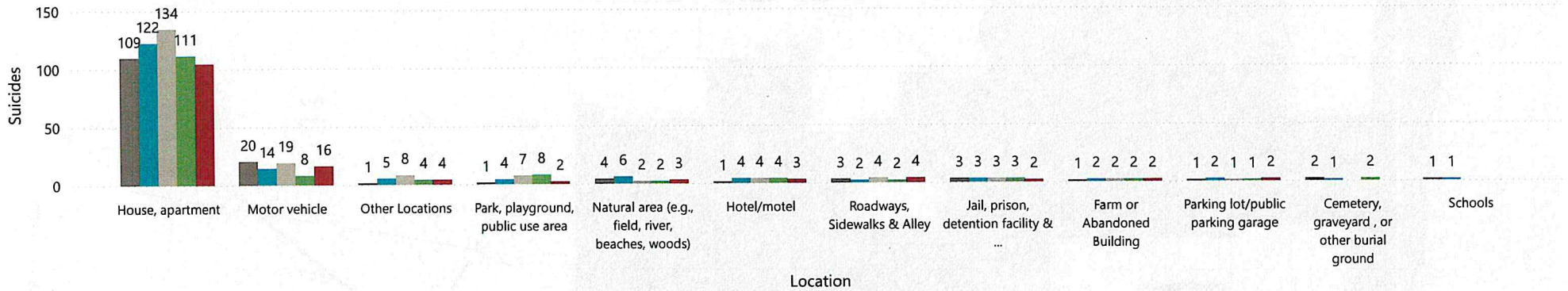
Select all Female Male

Age Group

Select all 10-19 20-29 30-39 40-49 50-59 60-69 70+

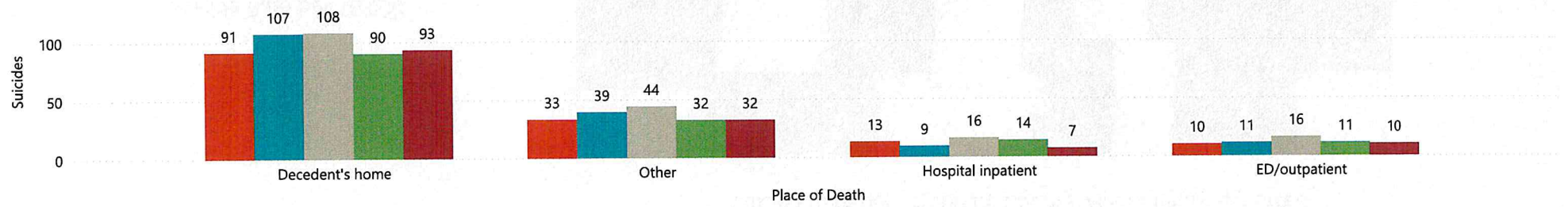
Suicide Location Where Injury Occurred

Year ● 2020 ● 2021 ● 2022 ● 2023 ● 2024



Suicides by Place of Death

Year ● 2020 ● 2021 ● 2022 ● 2023 ● 2024



Race

Select all American Indian Other White

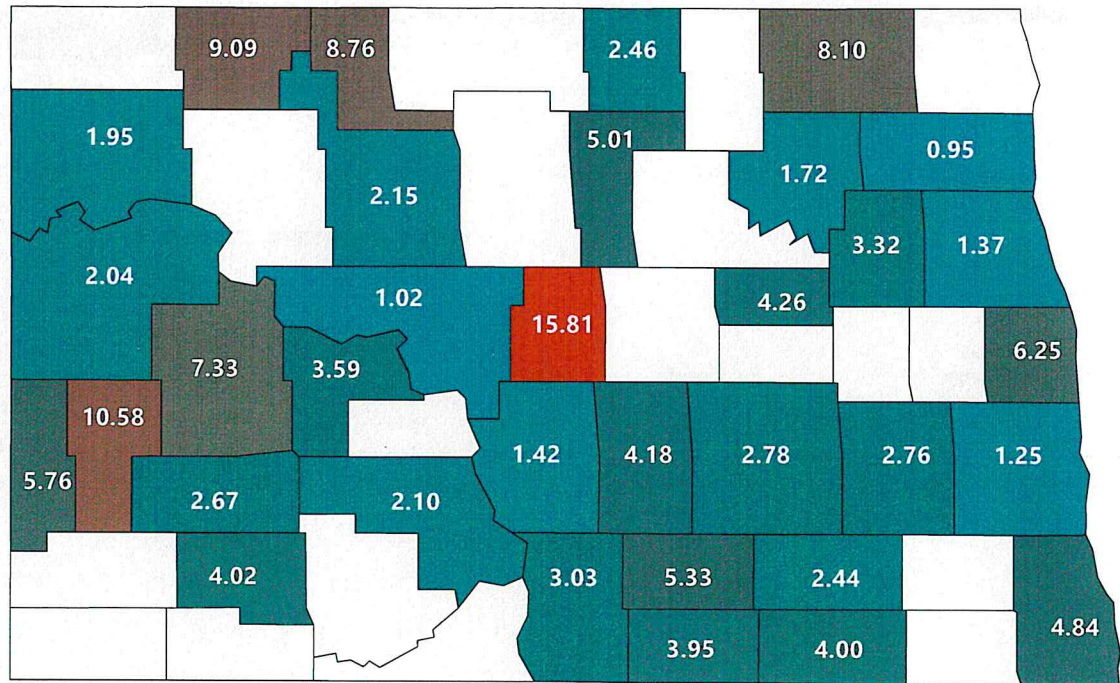
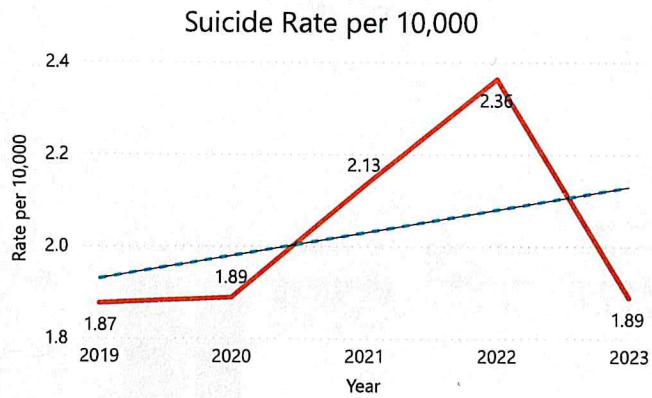
Sex

Select all Female Male

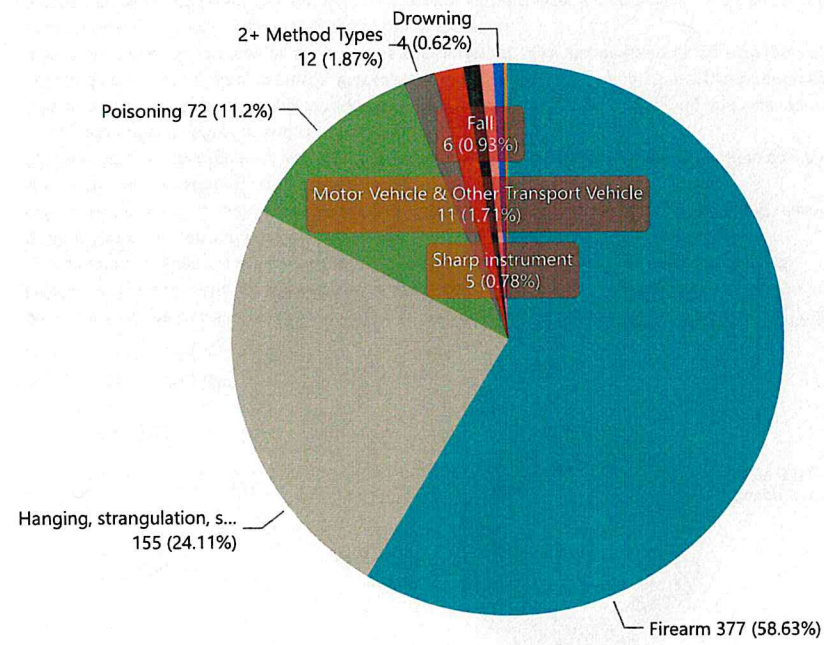
Age Group

Select all 10-19 20-29 30-39 40-49 50-59 60-69 70+

Suicide Rate per 10,000 by County Where Injury Occurred



Suicide Method Type



7

Stolen Firearms

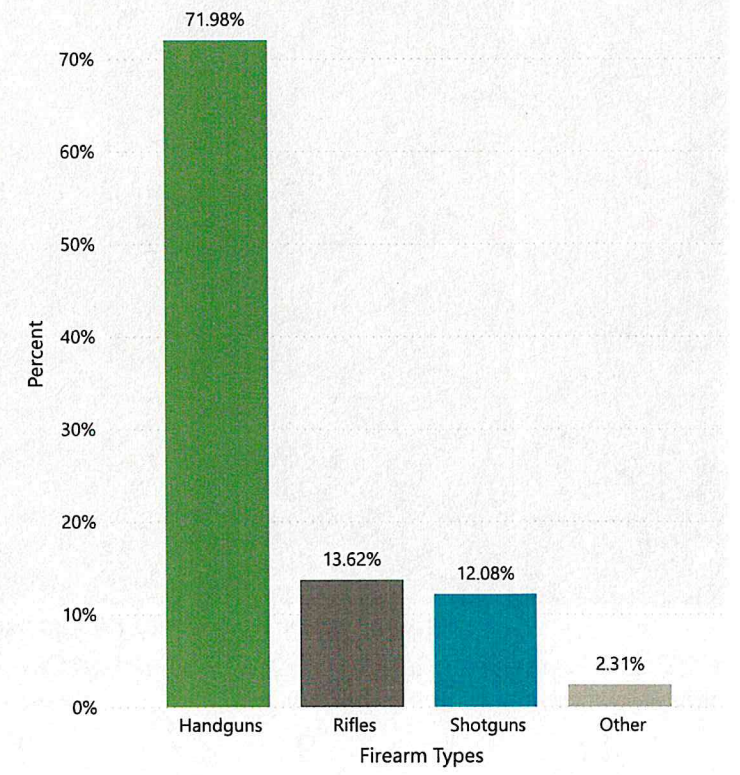
71

Guns Stored Loaded

91

Guns Stored Not Locked

Firearm Type Used



Race

Select all
 American Indian
 Other
 White

Sex

Select all
 Female
 Male

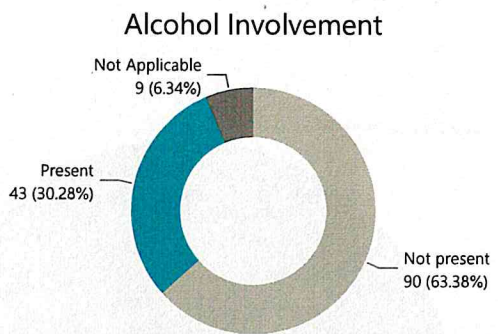
Age Group

Select all
 10-19
 20-29
 30-39
 40-49
 50-59
 60-69
 70+

0.05
Min of Alcohol BAC

0.35
Max of Alcohol BAC

0.18
Median of Alcohol BAC



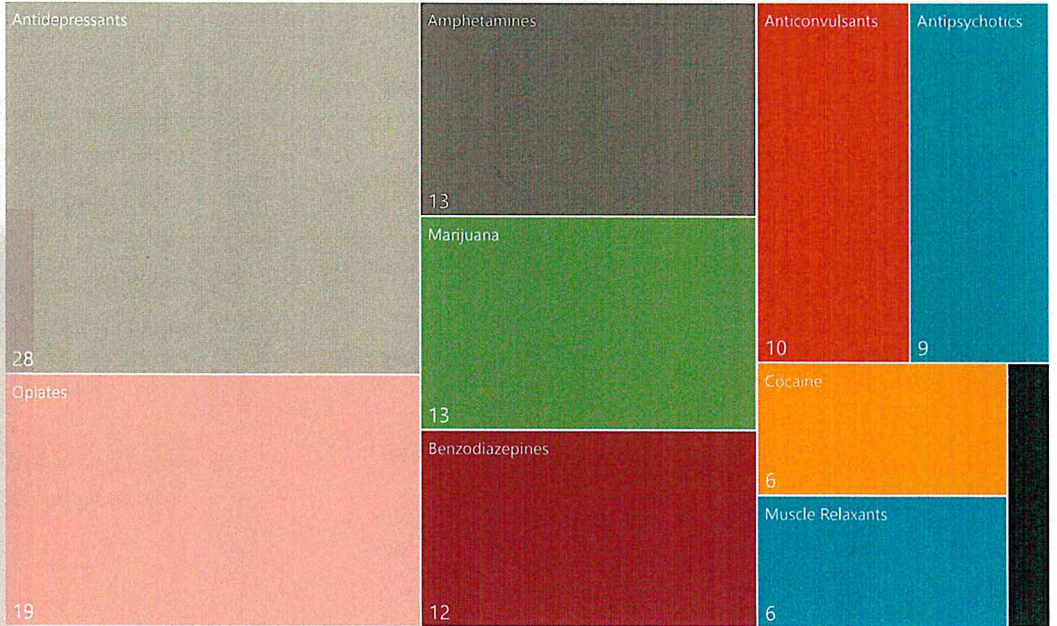
Toxicology Trends

1 Kratom Present

6 Fentanyl Present

11 Methamphetamine Present

Toxicology Present in Suicide Deaths



0.02%: This is the lowest level of intoxication with some measurable impact on the brain and body.

0.05%: At this level behavior will become exaggerated with impaired judgement and reduction in coordination. Inhibitions will be lowered causing one to potentially engage in risky behaviors.

0.08%: This is the current legal limit in ND that it is considered illegal and unsafe to drive.

0.10%: At this level, reaction time and control will be reduced, speech slurred, thinking and reasoning are slower and coordination of arms and legs is poor.

0.15%: This is a very high level with much less control over balance and voluntary muscles so walking and talking are difficult. May fall and vomiting begins.

0.20%: Stupor, confusion, feeling dazed and disorientation are common. Standing and walking may require help and sensations of pain decrease. Blackouts begin at this level as well as choking/aspiration on vomit.

0.30%: At this level, you may be unconscious and potential for death increases along with loss of understanding, increased heart rate, loss of bladder control.

0.40% and over: This level may put you in a coma or cause sudden death because your heart or breathing will suddenly stop.

Race

Select all American Indian Other White

Sex

Select all

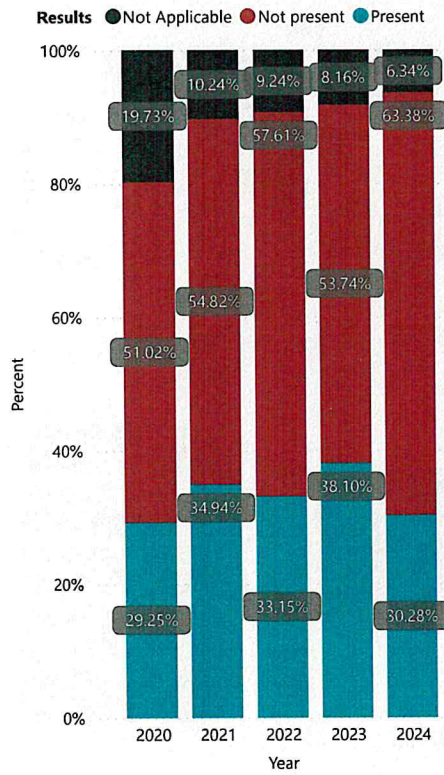
Female

Male

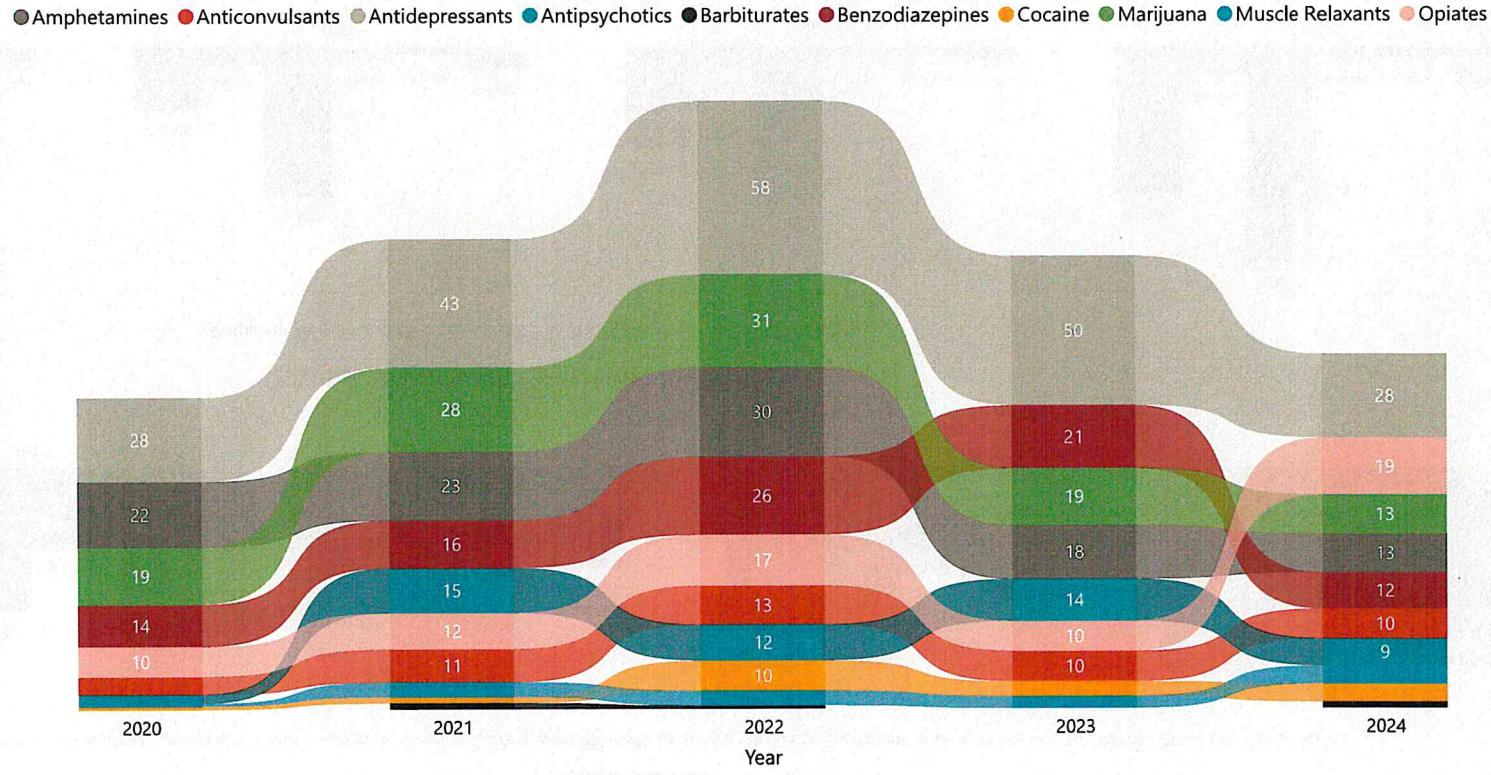
Age Group

Select all 10-19 20-29 30-39 40-49 50-59 60-69 70+

Alcohol Involvement by Year



Toxicology Present in Suicide Deaths



Race

Select all American Indian Other White

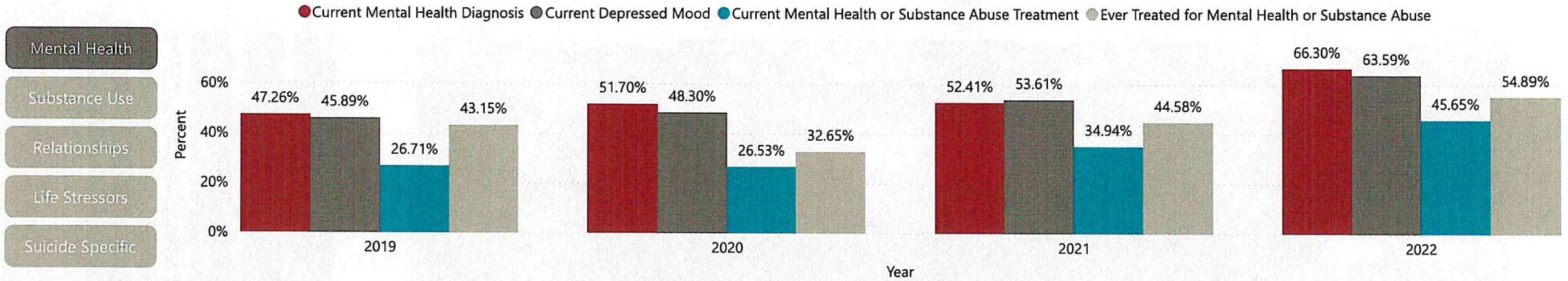
Sex

Select all Female Male

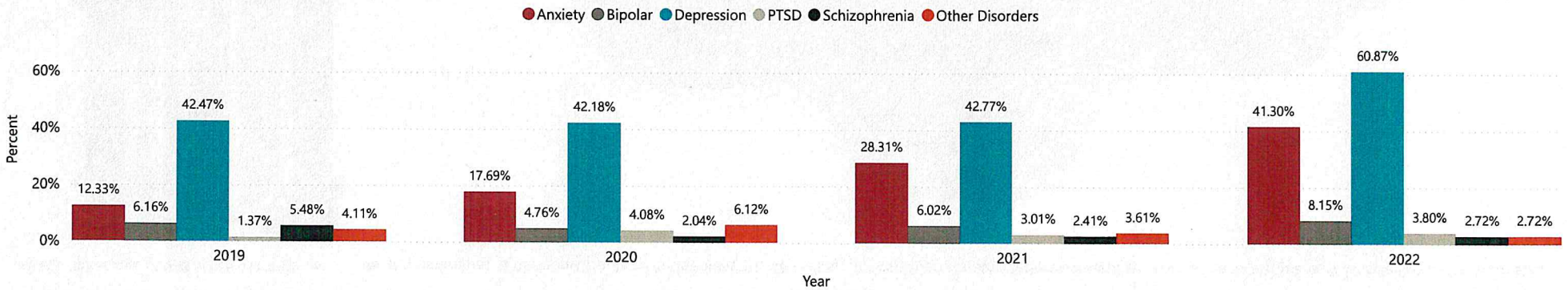
Age Group

Select all 10-19 20-29 30-39 40-49 50-59 60-69 70+

Mental Health Circumstances



Current Diagnosed Mental Health Problem



Race ▾

Select all
 American Indian
 Other
 White

Sex ▾

Select all
 Female
 Male

Age Group ▾

Select all
 10-19
 20-29
 30-39
 40-49
 50-59
 60-69
 70+

North Dakota ESSENCE Data

The Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE), captures syndromic surveillance data from hospitals in the State. This includes data from all acute care and critical access hospitals. This data consists of emergency department, urgent care and walk-in-clinic visit information. The purpose is to capture and analyze health-indicator data to identify abnormal health conditions, events, and enable early detection of outbreaks.

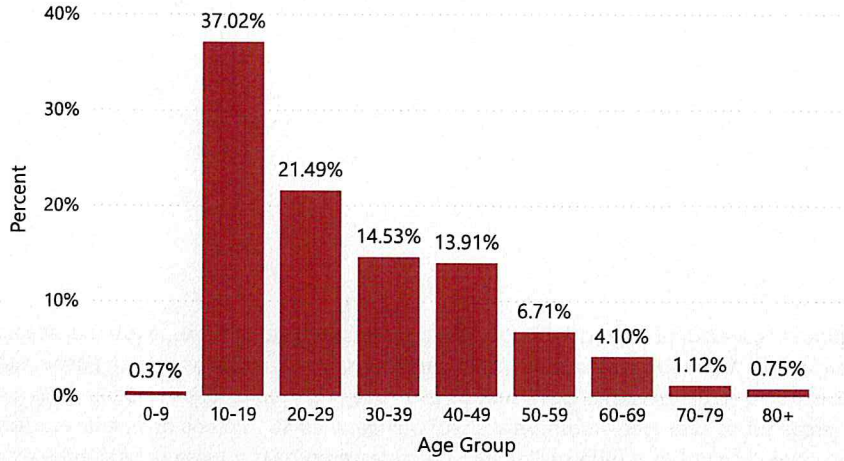
The data provided on the "Attempts" and "Ideation" pages, was obtained from the ND ESSENCE. Please note the caveats of this data:

1. These numbers represent a syndrome definition that utilizes both ICD-10 codes and chief complaint which looks for key words. These **should not** be considered a true "number of cases." Syndromes may also contain "noise" meaning that the syndrome data may count actual non-related events.
2. NOT every hospital submits both ICD and chief complaint so some visits may be missing.
3. Some hospitals only submit data on ND residents. Transient populations may not be included; therefore, underestimating the impact.
4. Increase in number may be due to actual increases or it may be due to increase in number of facilities participating.

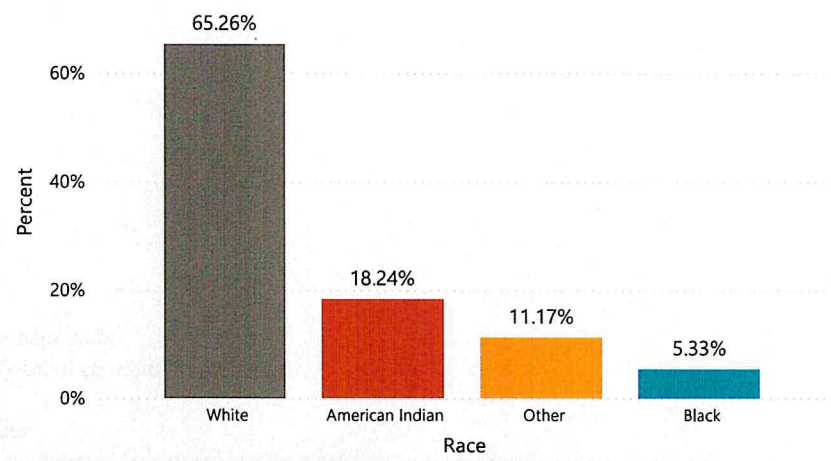


Back

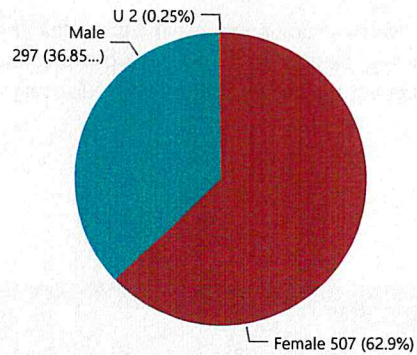
Suicide Attempt by Age Group



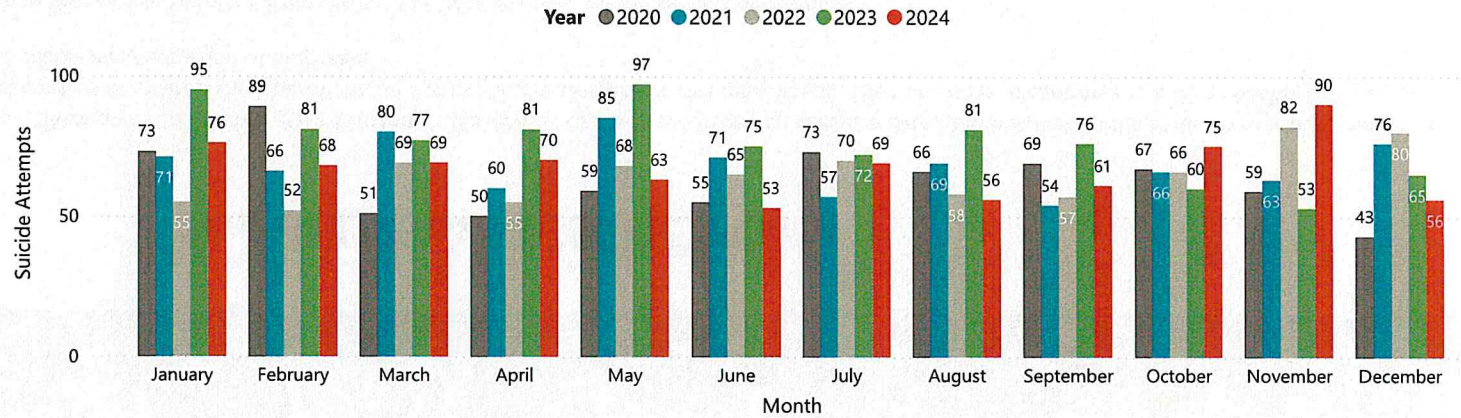
Suicide Attempt by Race



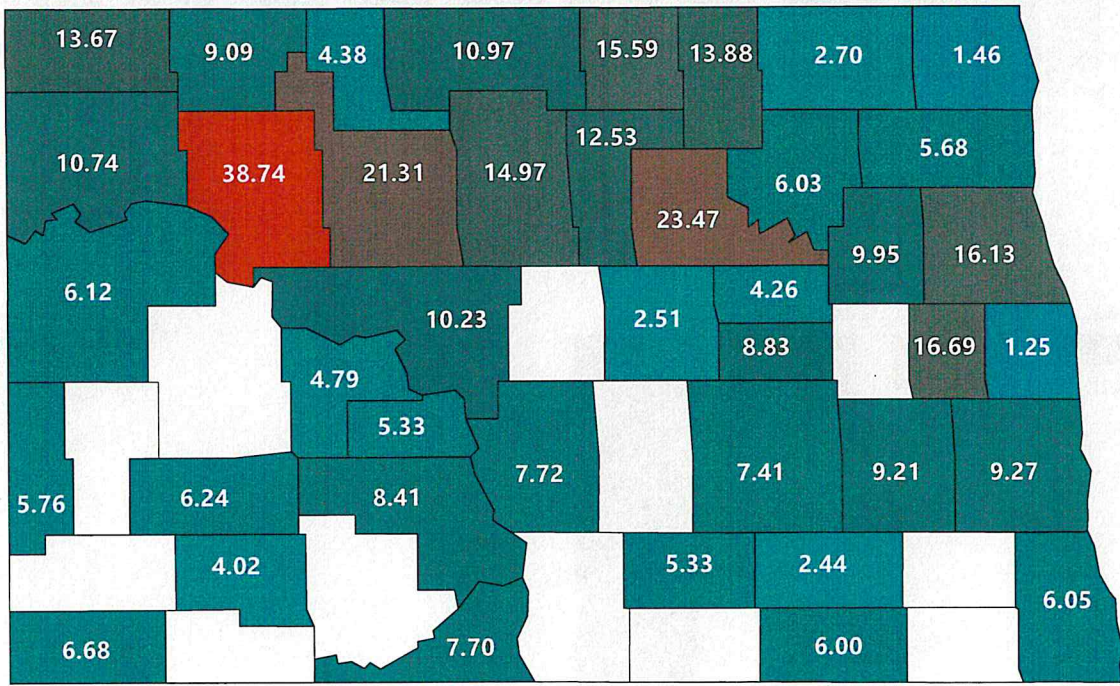
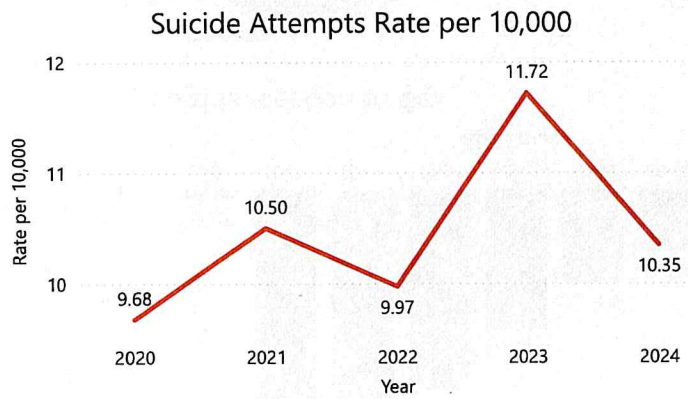
Suicide Attempt by Sex



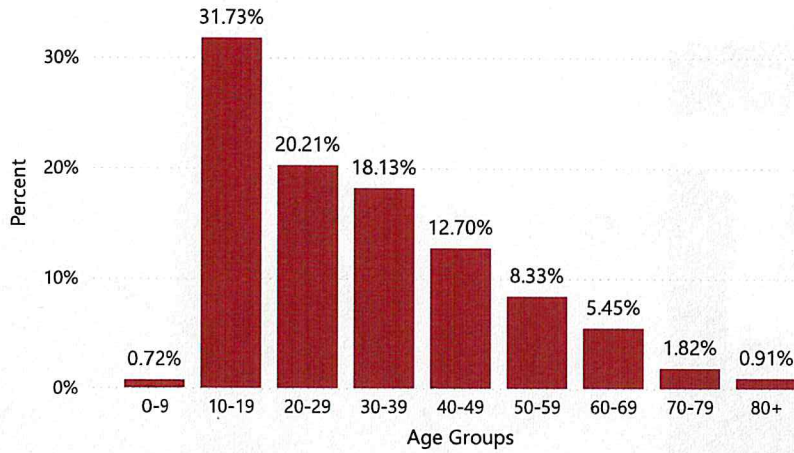
North Dakota Suicide Attempts



Suicide Attempt Rate per 10,000 by County Where Patient Lives

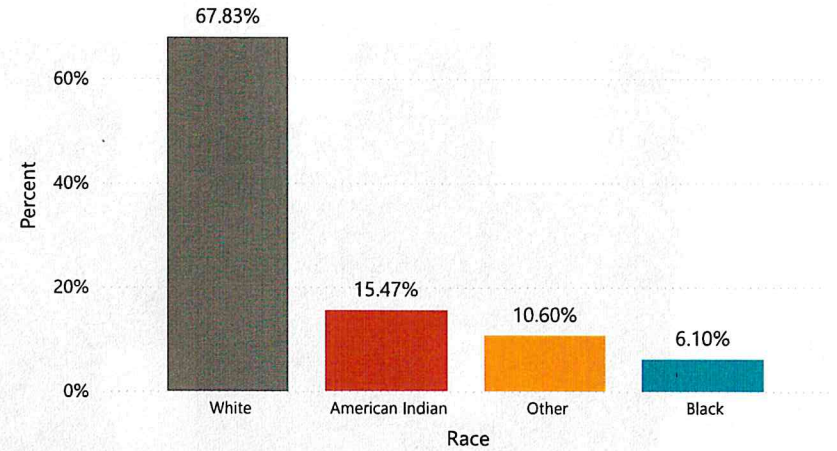


Suicide Ideation by Age Group

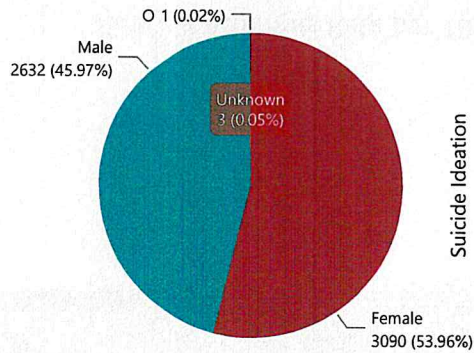


[Ideation Map](#)

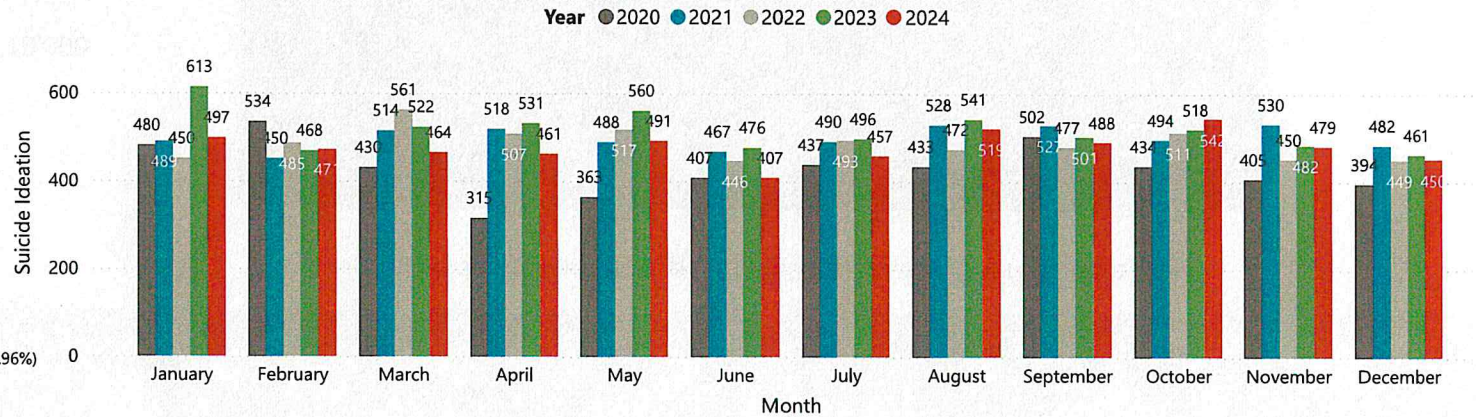
Suicide Ideation by Race



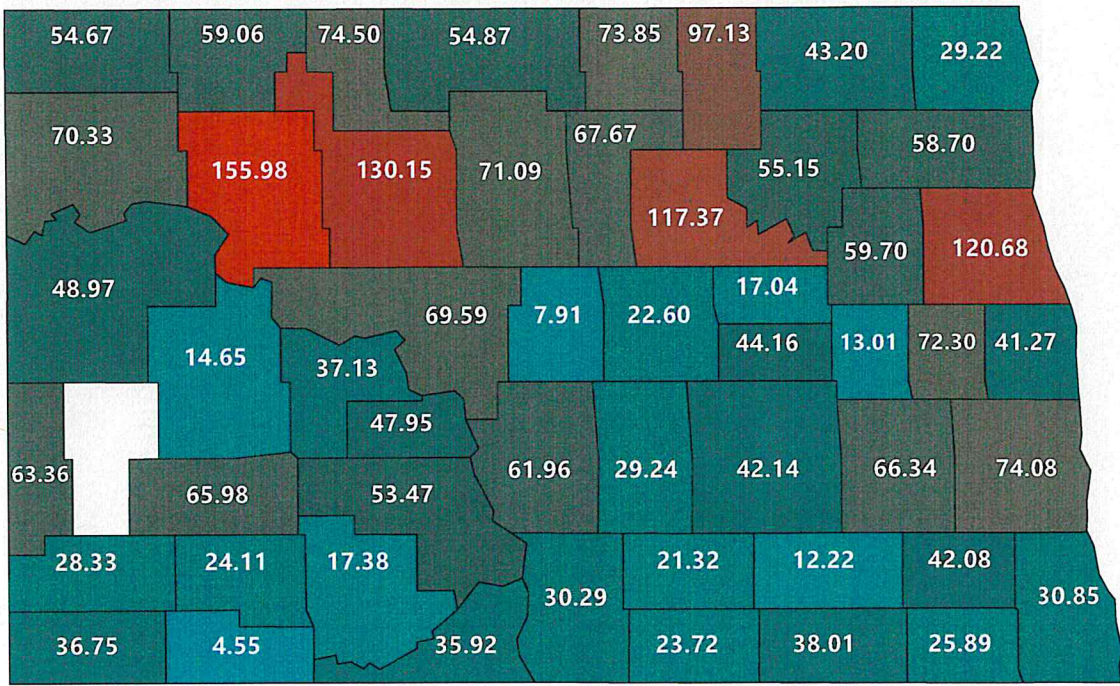
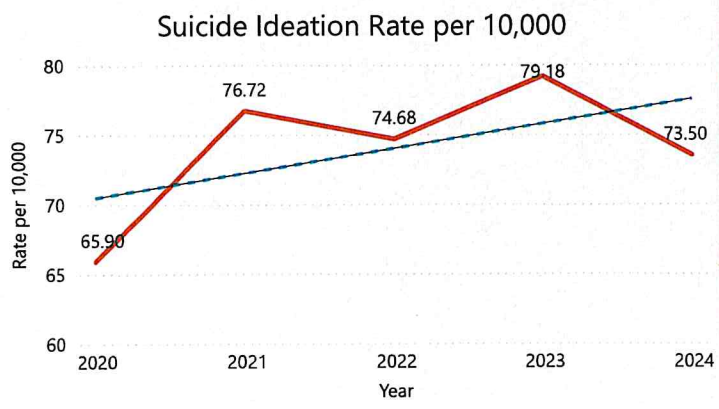
Suicide Ideation by Sex



North Dakota Suicide Ideation



Suicide Ideation Rate per 10,000 by County Where Patient Lives



1945

